

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Qualification Procedure
for
Qualified Products List 3

ELASTOMERIC BRIDGE BEARING PADS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1018.14

PRELIMINARY REQUIREMENTS:

Qualified Product Evaluation Form

The manufacturer shall submit a standard "Qualified Product Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Qualified Products List.

Product Data Sheets

Include product data sheets with all pertinent information relative to the product to be evaluated; including, but not limited to, manufacturer's specifications, typical analysis and a Materials Safety Data Sheet (MSDS).

Certification and/or Test Reports

Submit a certificate of analysis reporting actual test results of the material properties for each product submitted. In addition, a Certificate of Compliance is required for all laminated pads, stating that each pad has been load tested to 1500 psi and that the steel laminates are properly aligned.

Sample (to be furnished at no cost to the Department)

Submit one finished bearing pad typical of the size and type intended for Department projects. Pin grooves of laminated pads are to be properly filled. In addition, submit at least two sets of prepared specimens of virgin, low temperature Grade 2 polychloroprene complying with AASHTO M 251 specifications. All samples shall be produced from factory mixed stock.

TEST REQUIREMENTS:

Laboratory Testing

The qualification sample shall be tested in accordance with the applicable procedures shown in the attached Subsection 1018.14.

Evaluation Time

Laboratory testing - 2 weeks

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any product at any time.

PROJECT ACCEPTANCE REQUIREMENTS:

Qualification of a product is not blanket approval for its use.

One sample per 100 pads or fraction thereof per lot per type shall be taken by Department personnel. A Certificate of Analysis reporting actual test results of the material properties shall be required for each lot. In addition, for each lot of laminated pads a notarized Certificate of Analysis as per Subsection 1018.14(f) is required. Final acceptance of each lot or shipment is dependent upon test results which shall conform to the established specification requirements and which identify the sample as being representative of the product originally approved.

DISQUALIFICATION:

Any product may be removed from the Qualified Products List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the product.

REQUALIFICATION:

A product which has been disqualified and removed from the Qualified Products List will

be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR

Jason Davis, P.E.
Special Tests Engineer
DOTD Materials and Testing Section
5080 Florida Blvd.
Baton Rouge, LA 70806-4132
(225) 248-4131

Approved 7-01-02

N. DOUG HOOD, P.E.
MATERIALS ENGINEER ADMINISTRATOR